BRC FuelMaker’s full line of Vehicle Refueling Appliances (VRAs) provide an economical and convenient way to refuel personal vehicles, over-the-road, or in-plant natural gas vehicles. Five models are available, offering a wide range of refueling capabilities. All incorporate our proven and patented technologies. Individual models can be installed separately or together with other BRC FuelMaker VRA’s and accessories to meet the refueling needs of specific applications.

Benefits
- Low capital cost allows fleets of any size to realize the convenience & economic benefits of on-site natural gas refueling.
- Proven reliability, with thousands of satisfied customers worldwide.
- Built-in performance monitoring & diagnostics.
- Ongoing 4,000-hour scheduled service intervals.
- Modular design for easy field servicing.
- Oil-free compression delivers uncontaminated fuel to the vehicle.
- Simple, inexpensive installation and site permit requirements.
- Accommodates applications for time-fill, fast-fill, or both.
- Indoor and outdoor refueling options.
- Quiet, automated and simple to operate.

Safety Features
- Certified as an appliance by the CSA and other leading agencies around the world.
- Automatic shut-off in the event of a leak, hose damage or inadvertent drive-away.
- Electronic self-diagnostics to constantly monitor the VRA’s operation, such as inlet pressure, outlet pressure, operating temperature and running time and to automatically shut down the refueling process if any abnormalities or faults are detected.
- Automatic electronic ambient temperature/pressure compensation to prevent overfilling of the vehicle cylinder.
- Many redundant electronic and mechanical measurement controls to ensure long periods of safe, unattended, reliable operation.

Simple Operation
Users of the BRC FuelMaker System will appreciate how easy it is to operate. Under the time-fill method, initiating the refueling process is as simple as connecting the hose nozzle to the vehicle receptacle. A green light on the control panel indicates to the operator that the unit is functioning normally. From that point on, everything is automatic, including the shutdown of the system when the vehicle’s fuel cylinder is full. At any time, the user can push the “Stop” button to interrupt the refueling process, if desired. Time-fill refueling takes place overnight or any other time the vehicle is not in use – completely unattended.
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**VRA Specifications**

<table>
<thead>
<tr>
<th>Model</th>
<th>Max Discharge Pressure (psi)</th>
<th>Hourly Flow Rate (gge)</th>
<th>Hourly Flow Rate (pgge)</th>
<th>Flow Rate (scf/m²)</th>
<th>Gas Inlet Pressure (psi)</th>
</tr>
</thead>
<tbody>
<tr>
<td>FMQ–10</td>
<td>3,000</td>
<td>3.9</td>
<td>5.3</td>
<td>8.0</td>
<td>1 to 1¼*</td>
</tr>
<tr>
<td>FMQ–8–36</td>
<td>3,600</td>
<td>3.7</td>
<td>5.0</td>
<td>7.6</td>
<td>1 to 1¼*</td>
</tr>
<tr>
<td>FMQ–2–36</td>
<td>3,600</td>
<td>0.9</td>
<td>1.3</td>
<td>1.9</td>
<td>¾</td>
</tr>
<tr>
<td>FMQ–2 &amp; 2.5</td>
<td>3,000</td>
<td>1.0 to 1.3</td>
<td>1.3 to 1.5</td>
<td>2.0 to 2.5</td>
<td>¼ to 2.0</td>
</tr>
</tbody>
</table>

* pounds per square inch  
* gasoline gallon equivalent  
* propane gallon equivalent  
* standard cubic feet per minute  
* optional ¾ psi available

**FMQ–10, FMQ–8–36**

**ELECTRICAL**
- Electrical Supply: 240 Volts AC, Single Phase, 60 Hz
- Full Load Amperage: 28 Amps
- Average Power Consumption over Typical Fill Cycle: 4.0 to 4.8 kWh
- Classification: General Purpose

**MECHANICAL**
- Dimensions (LxWxH): 33"x48"x32"
- Unit Weight: 580 lbs
- Ambient Temperature Rating: -40° to +113° F
- Service Interval: 4,000 Hrs.
- Required Distance from Storage: 15 ft
- Noise Level: 66 dBA @ 16.5 ft

**FMQ–2–36, FMQ–2, FMQ–2.5**

**ELECTRICAL**
- Electrical Supply: 240 Volts AC, Single Phase, 60 Hz
- Full Load Amperage: 7 Amps
- Average Power Consumption over Typical Fill Cycle: 1.0 to 1.2 kWh
- Classification: General Purpose

**MECHANICAL**
- Dimensions (LxWxH): 21"x20"x39"
- Unit Weight: 145 lbs
- Ambient Temperature Rating: -40° to +113° F
- Service Interval: 4,000 Hrs.
- Required Distance from Storage: 15 ft
- Noise Level: 49 dBA @ 16.5 ft

**Certifications**

For more information visit: www.brcfuelmaker.it
For a list of North American dealers please visit: www.impcotechnologies.com/fuelmaker-dealers.asp